

Command Reference

This appendix lists the command set for the Cisco 1020.

For a more thorough discussion of these commands, refer to the *Cisco 1020 Command Reference* publication on UniverCD, or a printed copy can be ordered.

Command Modes

There are four command modes. They are:

- Privileged EXEC
- Global configuration
- Interface configuration
- Site configuration

In order to use a particular command, you must be in the correct configuration mode. You can cycle between modes as follows:

- From Privileged Exec to Global Configuration, enter **configure terminal**
- From Global Configuration to Interface Configuration, enter **interface** <InterfaceName>
- From Global Configuration to Site Configuration, enter **site** <SiteName>
- From Global, Interface, or Site Configuration to Privileged Exec, press **CTRL+Z**.
- From Interface or Site Configuration to Global Configuration, enter any Global Configuration command.

Commands

Tables C-1 to C-4 list the Cisco 1020 commands, including <arguments> and [optional text], grouped by mode. Table C-1 contains privileged EXEC commands, Table C-2 contains global configuration commands, Table C-3 contains interface configuration commands, and Table C-4 contains site commands.

Table C-1 Privileged EXEC Commands

Command <argument> [optional] {alt required keywords}
attach async <port>
clear interface <interface>
clear startup-config
configure {terminal network}
copy flash tftp
copy tftp flash
debug ip packet <access-list-number>
debug ipx packet <access-list-number>
debug ppp
dial <site> [view]
exit
logout
ping <address>
reload
show access-lists [<access-list-number>]
show arp
show hardware
show hosts
show interfaces [<interface>]
show interfaces brief [<interface>]

Command <argument> [optional] {alt required keywords}

show ip route

show ipx route

show ipx servers

show memory

show modem [modem]

show site <site>

show sites

show tcp

show users

show version

systat

telnet <address>

terminal monitor

trace <address>

write network

write terminal

Table C-2 Global Configuration Commands**Command <argument> [optional] {alt required keywords}**

access-list <access-list-number> {permit|deny} <source> [<source-mask>]

access-list <access-list-number> {permit|deny} <proto> <source> <source-mask> <dest>
<dest-mask> [[[<type>] <operator> <operand>] [<type> <operator> <operand>]] [established]access-list <access-list-number> {permit|deny} <ipxproto> [<sourcenet>[.<source-node>]
[<destination-net>[.<destination-node>]]]access-list <access-list-number> {permit|deny} <ipxproto>
[<source-net>[.<source-node>]<source-socket>
[<destination-net>[.<destination-node>] <destination-socket>]]

Commands

Command <argument> [optional] {alt required keywords}

access-list <access-list-number> {permit deny} <net>[.<node>] [<service-type> [<server-name>]]
--

chat-script <scriptname> <expect-send>
--

default routing [broadcast listen]

enable password <password>

exit

hostname <name>

interface <interface>

ip domain-lookup

ip domain-name <name>

ip host <name> <ipaddr>

ip name-server <address1> [<address2>]
--

ip route <net> <mask> <gw> [<metric>]

ipx netbios

ipx route <ipxnet> <nnnnnnnn.hhhh.hhhh.hhhh>
--

logging <address>

modem-def <name> <description> <speed> <Expect-Send>
--

option ipx <key>

reverse-telnet-port <number>

site <name>

snmp-server community <name> [ro rw] [<access-list-number>]

Table C-3 Interface Configuration Commands

Command <argument> [optional] {alt required keywords}

async default ip address <address> [<netmask>]
--

dialer rotary-group <number>

encapsulation {ppp slip}

Command <argument> [optional] {alt required keywords}

flowcontrol hardware

ip access-group <access-list-number> [{in|out}]

ip address <address> [<netmask>[

ip broadcast-address <address>

ip tcp header-compression

ipx access-group <access-list-number> [{in|out}]

ipx network <ipxnet> [encapsulation {arpa|sap|novell-ether}]

ipx output-sap-filter <access-list-number>

modem [in|out|inout]

modem-type <name>

mtu <number>

routing rip [{broadcast|listen}]

shutdown

speed <bps>

Commands

Note Site Configuration commands are used to build a site table that contains information about the other party to your dialog, whether you are dialing in or out or both. The order of site commands is unimportant, except that max-ports must be the last entry. For examples using site commands, see the example configurations in the chapter “Configuring the Cisco 1020.”

Table C-4 Site Configuration Commands

Command <argument> [optional] {alt required keywords}

dial-on {continuous demand manual}

dialgroup <number>

encapsulation {ppp slip}

ip access-group <access-list-number> [{in out}]

ip address <address> [<netmask>]

ip tcp header-compression

ipx access-group <access-list-number> [{in out}]
--

ipx network <number>

ipx output-sap-filter <access-list-number>
--

load-threshold <number>

max-ports <number>

mtu <number>

password <password>

routing rip [{broadcast listen}]

session-timeout <minutes>

system-script <scriptname>
